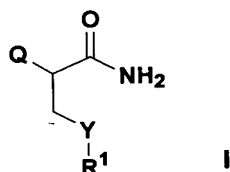


CLAIMS

What is claimed is:

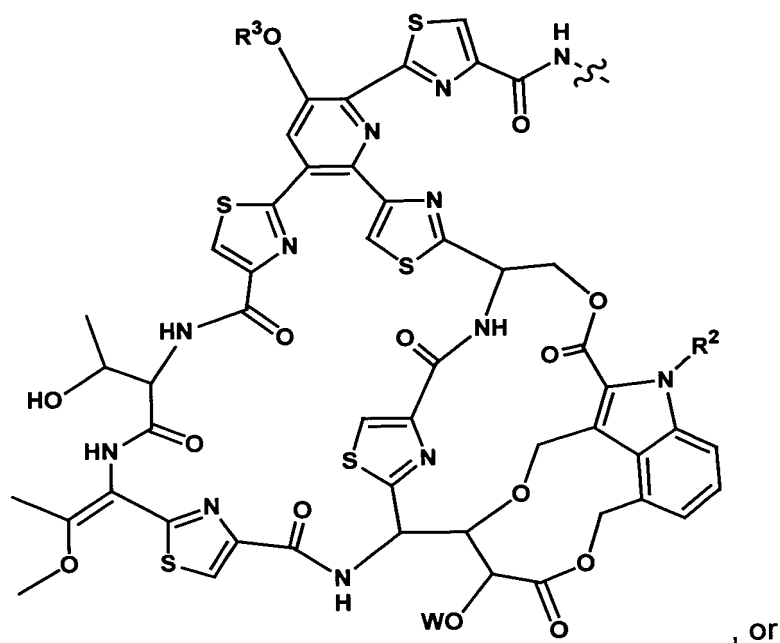
- 5 1. A compound of Formula I, including pharmaceutically acceptable salts thereof,



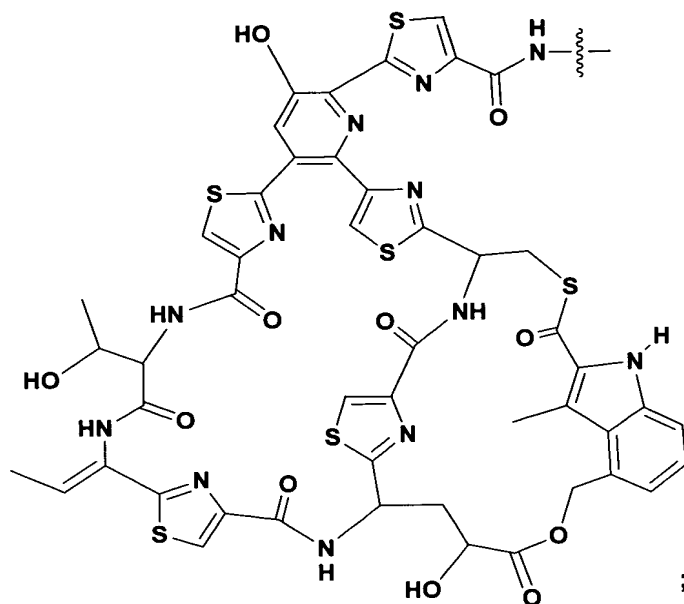
wherein:

10

Q is a residue of a thiazolyl peptide antibiotic selected from:



78

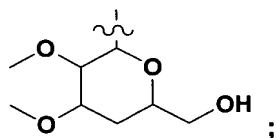
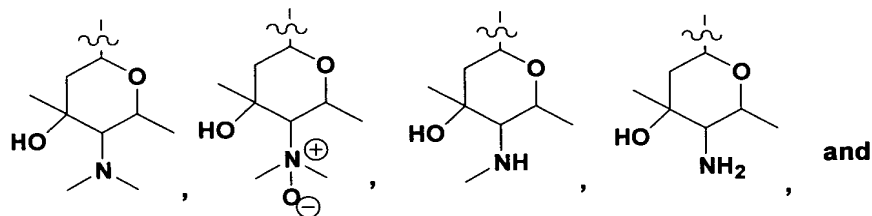


Y is NR or S(O)_m;

5

m is 0, 1, or 2;

W is selected from the group consisting of hydrogen,

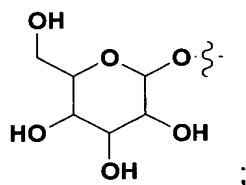


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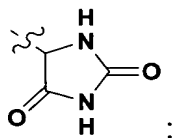
R is selected from the group consisting of hydrogen, hydroxy, C₁₋₆alkoxy, $-\text{[(CH}_2\text{)}_2\text{O]}_p(\text{CH}_2\text{)}_2\text{R}^4$, $-\text{C(O)C}_{1-6}\text{alkyl}$, $-\text{C(O)C}_{1-6}\text{alkylCO}_2\text{H}$, $-\text{C(O)NHC}_{1-6}\text{alkyl}$ and C₁₋₈alkyl, in which said C₁₋₈alkyl is optionally substituted by one to six

hydroxy and optionally substituted by one to two same or different substituents selected from the group consisting of (a)-(h):

- (a) CO_2R^5 ;
 5 (b) SO_3H ;
 (c) NR^6R^7 ;
 (d) heteroaryl, in which said heteroaryl is selected from the group consisting of pyridinyl, pyrimidinyl, pyrazolyl, pyrazinyl, pyrrolyl, imidazolyl, triazolyl and tetrazolyl, and in which said heteroaryl is
 10 optionally substituted with one or two same or different nitro or C_{1-4} alkyl;
 (e) phenyl, in which said phenyl is optionally substituted with one to three C_{1-4} alkoxy or optionally substituted with one



(f)

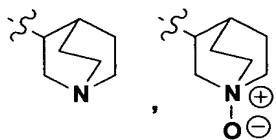


- 20 (g) C_{1-4} alkoxy; and

- (h) $-\text{C}(\text{O})\text{NH}$ -heteroaryl, in which said heteroaryl is selected from the group consisting of pyridinyl, pyrimidinyl, pyrazolyl, pyrrolyl, imidazolyl, triazolyl and tetrazolyl;

25

R^1 is selected from the group consisting of:



hydrogen, $-\text{[(CH}_2\text{)}_2\text{O]}_p\text{(CH}_2\text{)}_2\text{R}^{4'}$ and $\text{C}_{1-8}\text{alkyl}$, in which said $\text{C}_{1-8}\text{alkyl}$ is optionally substituted by one to six hydroxy and optionally substituted by one to two same or different substituents selected from the group consisting of (a)-(h):

5

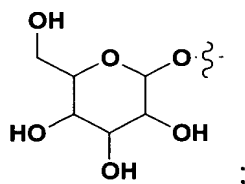
(a) $\text{CO}_2\text{R}^{5'}$;

(b) SO_3H ;

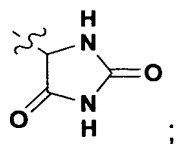
(c) $\text{NR}^{6'}\text{R}^{7'}$

(d) heteroaryl, in which said heteroaryl is selected from the group consisting of pyridinyl, pyrimidinyl, pyrazolyl, pyrazinyl, pyrrolyl, imidazolyl, triazolyl and tetrazolyl, and in which said heteroaryl is optionally substituted with one or two same or different nitro or $\text{C}_{1-4}\text{alkyl}$;

(e) phenyl, in which said phenyl is optionally substituted with one to three $\text{C}_{1-4}\text{alkoxy}$ or optionally substituted with one



(f)



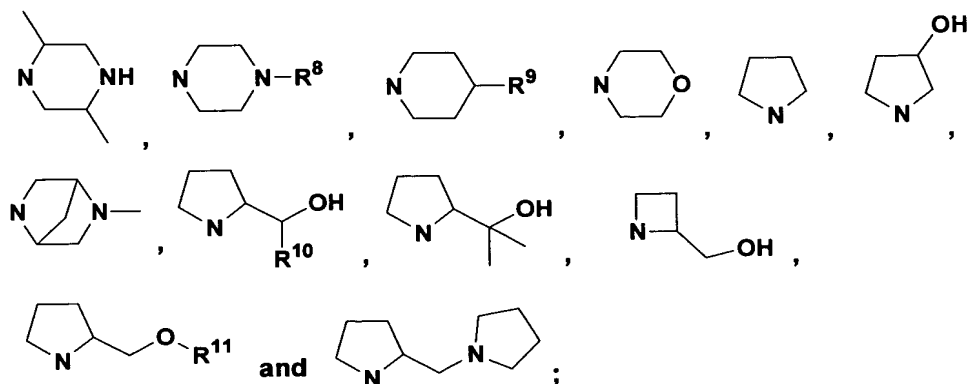
20

(g) $\text{C}_{1-4}\text{alkoxy}$; and

(h) $-\text{C(O)NH-heteroaryl}$, in which said heteroaryl is selected from the group consisting of pyridinyl, pyrimidinyl, pyrazolyl, pyrrolyl, imidazolyl, triazolyl and tetrazolyl;

25

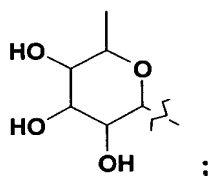
or R and R¹ together with the nitrogen to which they are attached form a heteroalicyclic selected from the group consisting of:



5

R² is selected from the group consisting of hydrogen, hydroxy, -OC(O) C₁₋₆alkyl and -OC(O)NHC₁₋₆alkyl;

R³ is hydrogen or



10

p and p' are each independently selected from the group consisting of 1, 2 and 3;

15 R⁴ and R^{4'} are each independently selected from the group consisting of hydroxy, amino and C₁₋₄alkoxy;

R⁵ and R^{5'} are each independently selected from the group consisting of hydrogen, C₁₋₆alkyl and phenylmethyl;

20 R⁶, R^{6'}, R⁷ and R^{7'} are each independently selected from the group consisting of hydrogen, -C(O)C₁₋₆alkyl, pyridinyl and C₁₋₆alkyl, in which said

C₁₋₆alkyl is optionally substituted with one hydroxy, amino, C₁₋₄alkylamino, or di(C₁₋₄alkyl)amino,

- 5 or R⁶ and R⁷ taken together with the nitrogen to which they are attached, or R⁶ and R⁷ taken together with the nitrogen to which they are attached form a heteroalicyclic selected from the group consisting of succinimid-1-yl, pyrrolidin-2-one-1-yl, pyrrolidin-1-yl, piperidin-1-yl, 4-hydroxypiperidin-1-yl, morpholin-4-yl, piperazin-1-yl and 4-methylpiperazin-1-yl;

- 10 R⁸ is selected from the group consisting of C₁₋₆alkyl, -C(O)C₁₋₆alkyl, -[(CH₂)₂O]_q(CH₂)₂R⁸, pyridinyl and pyrimidinyl, in which said C₁₋₆alkyl is optionally substituted with one di(C₁₋₄alkyl)amino, morpholin-4-yl, CO₂H, -CO₂C₁₋₄alkyl, tri(C₁₋₄alkoxy)phenyl and di(C₁₋₄alkoxy)pyrimidinyl;

- 15 q is 1, 2 or 3;

R⁸ is selected from the group consisting of hydroxy, amino and C₁₋₄alkoxy;

- 20 R⁹ is hydrogen or hydroxy;

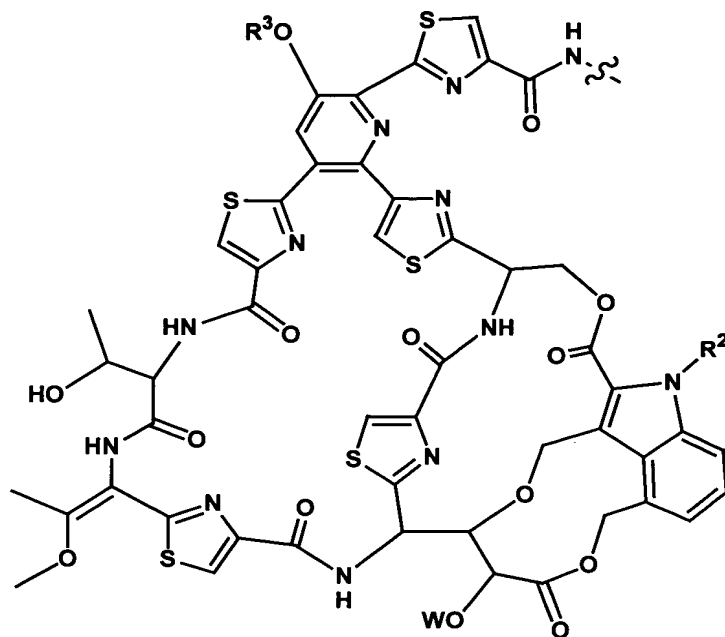
R¹⁰ is selected from the group consisting of hydrogen, C₁₋₆alkyl, C₃₋₆cycloalkyl and 1-methyl-1H-imidazol-2-yl; and

- 25 R¹¹ is C₁₋₄alkyl or pyridinyl.

2. A compound of claim 1, including pharmaceutically acceptable salts thereof, wherein:

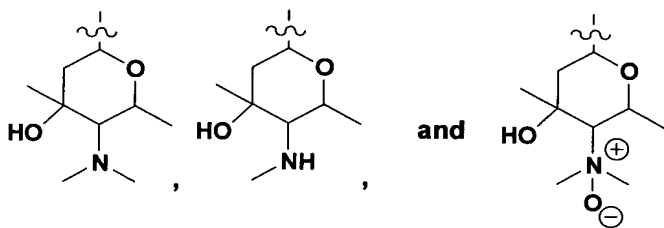
- 30 Q is

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100



3. A compound of claim 2, including pharmaceutically acceptable
5 salts thereof, wherein:

W is selected from the group consisting of hydrogen,



- 10 4. A compound of claim 3, including pharmaceutically acceptable salts thereof, wherein:

Y is NR.

15

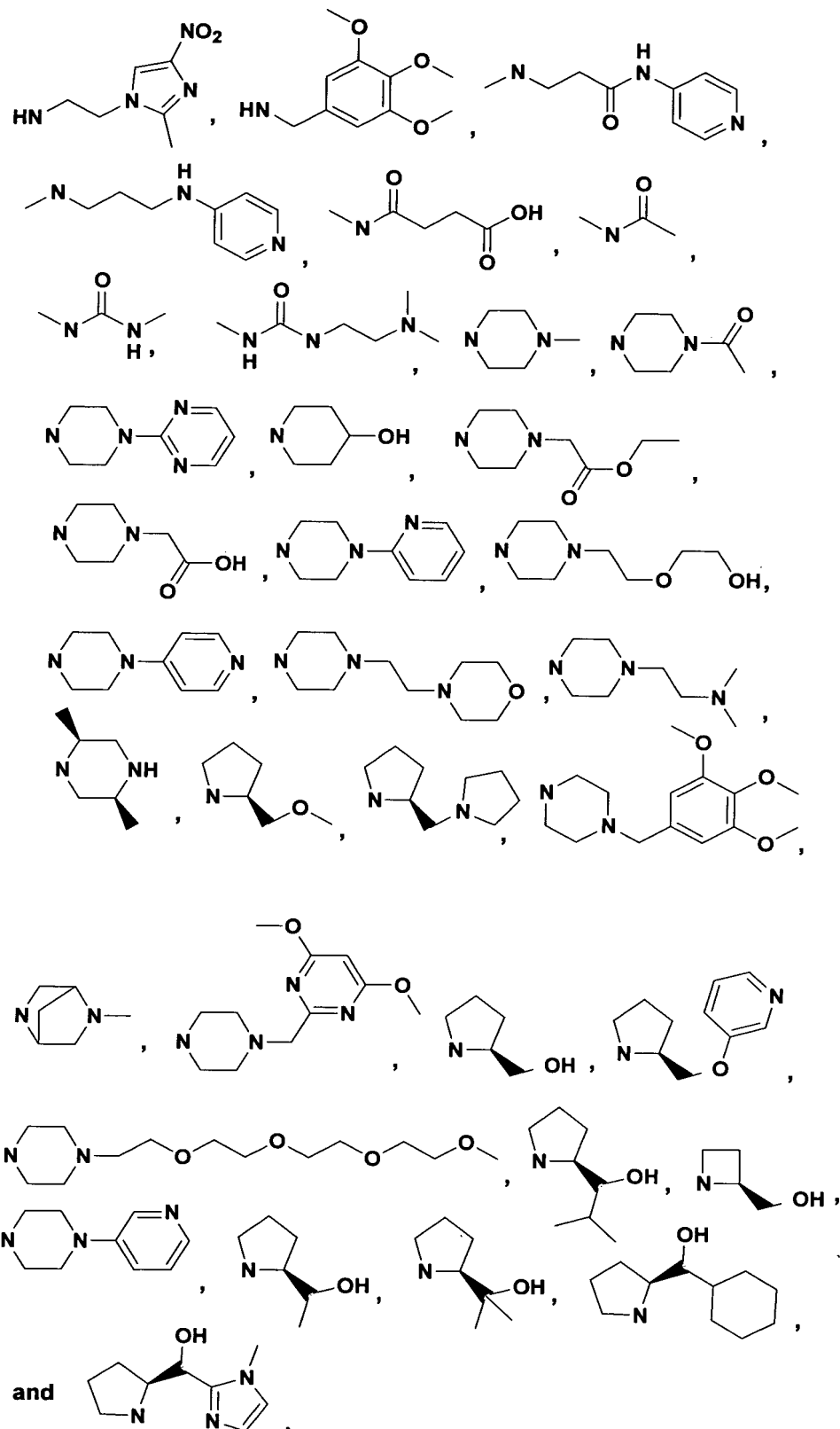
R is selected from the group consisting of hydrogen, hydroxy,

✓

10

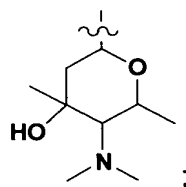
NRR¹ is selected from the group consisting of:

[illegible]



7. A compound of claim 6, including pharmaceutically acceptable salts thereof, wherein:

5 W is



R^2 is hydroxy; and
 R^3 is hydrogen.

10

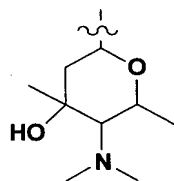
8. A compound of claim 6, including pharmaceutically acceptable salts thereof, wherein:

R^2 and R^3 are each hydrogen.

15

9. A compound of claim 8, including pharmaceutically acceptable salts thereof, wherein:

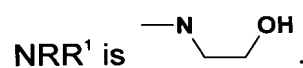
W is



20

10. The compound of claim 9, including pharmaceutically acceptable salts thereof, wherein:

25

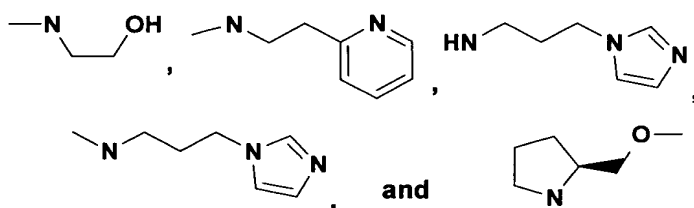


11. A compound of claim 6, including pharmaceutically acceptable salts thereof, wherein:

- 5 W is hydrogen;
 R² is hydroxy; and
 R³ is hydrogen.

12. A compound of claim 11, including pharmaceutically acceptable salts thereof, wherein:

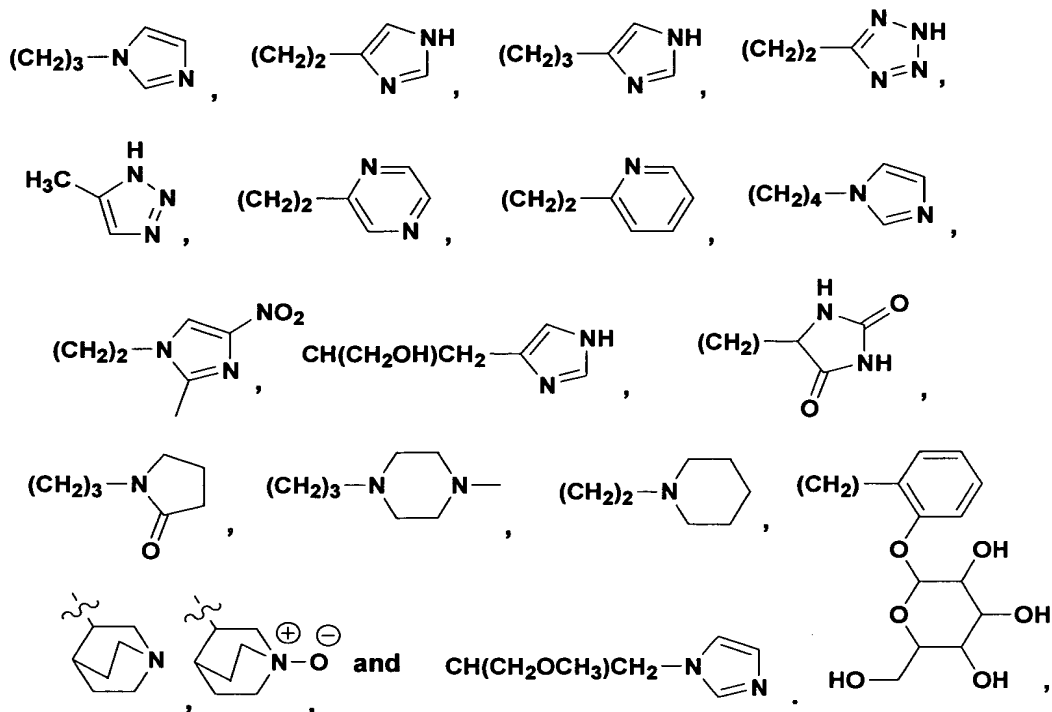
NRR¹ is selected from the group consisting of:



13. A compound of claim 3, including pharmaceutically acceptable salts thereof, wherein:

Y is S(O)_m in which m is 0 or 2;

R¹ is selected from the group consisting of CH₃, CH₂CH₃, (CH₂)₂OH, CH(CH₃)CH₂OH, CH₂[CH(OH)]₄CH₂OH, [(CH₂)₂O]₂(CH₂)₂OH, [(CH₂)₂O]₂(CH₂)₂OCH₃, [(CH₂)₂O]₂(CH₂)₂NH₂, [(CH₂)₂O]₂(CH₂)₂N(CH₃)₂, CH₂CO₂H, (CH₂)₂CO₂H, CH(CO₂H)CH₂CO₂H, CH₂CH(NHC(O)CH₃)CO₂H, (CH₂)₂SO₃H, (CH₂)₄NH₂, (CH₂)₂N(CH₃)₂, (CH₂)₃N(CH₃)₂, (CH₂)₂N(CH₂CH₃)₂, (CH₂)₂NH(CH₃), (CH₂)₂NH(CH₂CH₃), (CH₂)₂NH(CH₂)₂OH, (CH₂)₂N[(CH₂)₂NH₂]₂, (CH₂)₂NHC(O)CH₃,

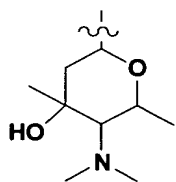


14. A compound of claim 13, including pharmaceutically acceptable salts thereof, wherein:

5

m is 0; and

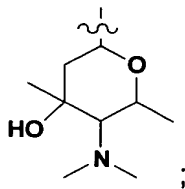
W is hydrogen or



10

15. A compound of claim 14, including pharmaceutically acceptable salts thereof, wherein:

W is



R^2 is hydroxy; and

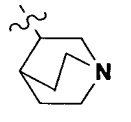
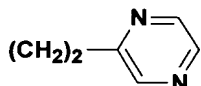
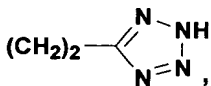
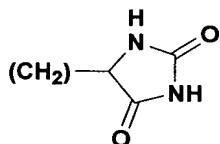
R^3 is hydrogen.

5

16. A compound of claim 15, including pharmaceutically acceptable salts thereof, wherein:

R^1 is selected from the group consisting of:

10 $\text{CH}_2\text{CO}_2\text{H}$, $(\text{CH}_2)_2\text{CO}_2\text{H}$, $\text{CH}(\text{CO}_2\text{H})\text{CH}_2\text{CO}_2\text{H}$,
 $\text{CH}_2\text{CH}(\text{NHC}(\text{O})\text{CH}_3)\text{CO}_2\text{H}$, $(\text{CH}_2)_2\text{SO}_3\text{H}$,
 $(\text{CH}_2)_2\text{N}(\text{CH}_3)_2$, $(\text{CH}_2)_2\text{N}(\text{CH}_2\text{CH}_3)_2$,



and $\text{CH}(\text{CH}_2\text{OCH}_3)\text{CH}_2\text{N}$

15 17. A compound of claim 14, including pharmaceutically acceptable salts thereof, wherein:

W is hydrogen;

R^2 is hydroxy; and

20 R^3 is hydrogen.

18. A compound of claim 17, including pharmaceutically acceptable salts thereof, wherein:

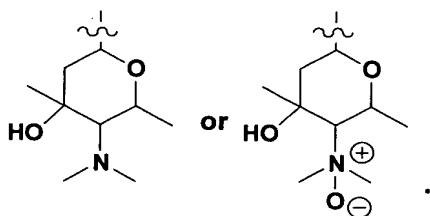
R^1 is $\text{CH}_2\text{CO}_2\text{H}$ or $(\text{CH}_2)_2\text{N}(\text{CH}_2\text{CH}_3)_2$.

19. A compound of claim 13, including pharmaceutically acceptable salts thereof, wherein:

5

m is 2; and

W is



10

20. A compound of claim 19, including pharmaceutically acceptable salts thereof, wherein:

R^2 is hydroxy; and

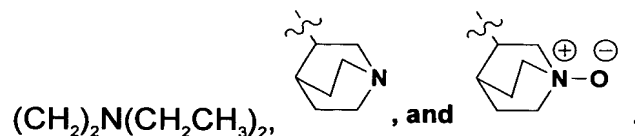
15

R^3 is hydrogen.

21. A compound of claim 20, including pharmaceutically acceptable salts thereof, wherein:

20

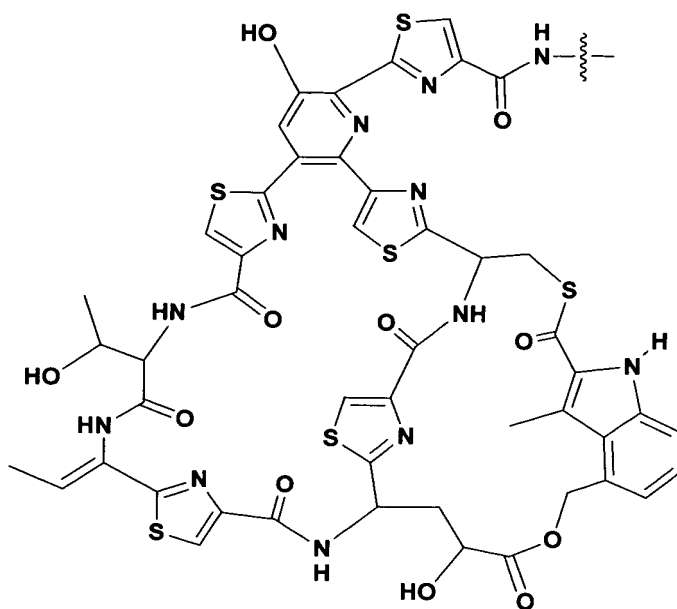
R^1 is selected from the group consisting of:



22. A compound of claim 1, including pharmaceutically acceptable salts thereof, wherein:

25

Q is



23. A compound of claim 22, including pharmaceutically acceptable salts thereof, wherein:

Y is NR.

24. The compound of claim 23, including pharmaceutically acceptable salts thereof, wherein:

R is methyl; and

R¹ is 3-(imidazol-1-yl)-propyl.

25. A compound of claim 22, including pharmaceutically acceptable salts thereof, wherein:

Y is S.

26. The compound of claim 25, including pharmaceutically acceptable salts thereof, wherein:

R¹ is (CH₂)₂N(CH₂CH₃)₂.

5

27. A pharmaceutical composition which comprises a therapeutically effective amount of a compound as claimed in any of claims 1-26, and a pharmaceutically acceptable carrier, adjuvant or diluent.

10 28. A method of treating or preventing bacterial or mycobacterial infection by administering to a mammal in need thereof a therapeutically effective amount of a compound or composition as claimed in any of claims 1-26.

15 29. The method of claim 28, wherein said bacterial infection is caused by a gram positive bacteria or a mycobacterium.

20 30. The method of claim 29, wherein said gram positive bacterial infection or mycobacterial infection is caused by methicillin-resistant *Staphylococcus aureus*, vancomycin-resistant *Staphylococcus aureus*, vancomycin-resistant *Enterococcus faecalis*, vancomycin-resistant *Enterococcus faecium* or *Mycobacteria tuberculosis*.